

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023753.D
 Acq On : 17 Aug 2021 09:29
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:55:44 PM

Quant Time: Aug 17 11:15:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:13:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	203283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	321165	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	285678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125037	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	2122	0.989	ug/l	85
3) Chloromethane	1.294	50	2416	1.009	ug/l	90
4) Vinyl Chloride	1.374	62	2247	0.979	ug/l	94
6) Chloroethane	1.685	64	2180	1.306	ug/l	94
7) Trichlorofluoromethane	1.892	101	3384	0.939	ug/l	96
8) Diethyl Ether	2.136	74	1178	0.941	ug/l #	33
9) 1,1,2-Trichlorotrifluo...	2.331	101	2066	1.004	ug/l	93
12) 1,1-Dichloroethene	2.319	96	1868	0.961	ug/l	85
14) Allyl chloride	2.666	41	3583	1.006	ug/l #	87
15) Acrylonitrile	3.068	53	6027	4.722	ug/l	98
16) Acetone	2.392	43	7283	5.515	ug/l	90
17) Carbon Disulfide	2.514	76	4282	0.967	ug/l	98
18) Methyl Acetate	2.715	43	3281	1.025	ug/l #	84
19) Methyl tert-butyl Ether	3.123	73	5943	0.898	ug/l	95
20) Methylene Chloride	2.788	84	2911	1.160	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	1955	0.949	ug/l	95
22) Diisopropyl ether	3.770	45	6362	0.915	ug/l	89
23) Vinyl Acetate	3.727	43	24465	4.381	ug/l #	90
24) 1,1-Dichloroethane	3.623	63	3735	0.946	ug/l #	93
25) 2-Butanone	4.568	43	8898	4.675	ug/l	95
26) 2,2-Dichloropropane	4.483	77	3133	0.977	ug/l	82
27) cis-1,2-Dichloroethene	4.495	96	2348	0.951	ug/l	82
28) Bromochloromethane	4.910	49	1515m	0.877	ug/l	
29) Tetrahydrofuran	5.031	42	5667	4.638	ug/l	89
30) Chloroform	5.099	83	4188	1.002	ug/l	84
32) 1,1,1-Trichloroethane	5.379	97	3215	0.917	ug/l #	51
36) 1,1-Dichloropropene	5.696	75	2769	0.948	ug/l	96
37) Ethyl Acetate	4.727	43	3689	1.019	ug/l #	83
38) Carbon Tetrachloride	5.678	117	2983	0.995	ug/l #	71
39) Methylcyclohexane	7.379	83	3350	0.946	ug/l	92
40) Benzene	6.043	78	8634	0.988	ug/l	98
41) Methacrylonitrile	4.934	41	2010	1.030	ug/l #	81
42) 1,2-Dichloroethane	6.092	62	3162	0.928	ug/l	98
43) Isopropyl Acetate	6.354	43	5159	0.931	ug/l #	92
44) Trichloroethene	7.135	130	2434	1.006	ug/l	76
45) 1,2-Dichloropropane	7.440	63	2191	0.947	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	1464	0.917	ug/l	98
47) Bromodichloromethane	7.830	83	2509	0.901	ug/l #	96
48) Methyl methacrylate	7.702	41	2299	0.862	ug/l #	77
49) 1,4-Dioxane	7.665	88	1181	19.700	ug/l #	75
51) 4-Methyl-2-Pentanone	8.580	43	15845	4.334	ug/l	88
52) Toluene	8.720	92	5130	0.924	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	2536	0.827	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	2953	0.881	ug/l #	77
55) 1,1,2-Trichloroethane	9.159	97	2127	0.930	ug/l	94
56) Ethyl methacrylate	9.116	69	2828	0.822	ug/l #	71
57) 1,3-Dichloropropane	9.311	76	3422	0.899	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	7733	4.304	ug/l	97
59) 2-Hexanone	9.433	43	11854	4.210	ug/l	83
60) Dibromochloromethane	9.525	129	1636	0.789	ug/l	90
61) 1,2-Dibromoethane	9.610	107	2059	0.864	ug/l	97
64) Tetrachloroethene	9.281	164	2309	0.988	ug/l	94
65) Chlorobenzene	10.079	112	5604	0.945	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.171	131	1830	0.896	ug/l #	60
67) Ethyl Benzene	10.195	91	9374	0.921	ug/l	97
68) m/p-Xylenes	10.305	106	6889	1.794	ug/l	100
69) o-Xylene	10.646	106	3387	0.897	ug/l	96
70) Styrene	10.659	104	4944	0.820	ug/l	94
71) Bromoform	10.805	173	1092	0.797	ug/l #	99
73) Isopropylbenzene	10.963	105	8590	0.911	ug/l	95
74) N-amyl acetate	10.848	43	3932	0.927	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	3290	1.032	ug/l	92
76) 1,2,3-Trichloropropane	11.244	75	3019m	0.913	ug/l	
77) Bromobenzene	11.201	156	2104	0.897	ug/l	92
78) n-propylbenzene	11.305	91	9580	0.894	ug/l	99
79) 2-Chlorotoluene	11.366	91	5811	0.889	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	6642	0.863	ug/l	100
82) 4-Chlorotoluene	11.457	91	6488	0.882	ug/l	100
83) tert-Butylbenzene	11.719	119	6610	0.883	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	6555	0.852	ug/l	95
85) sec-Butylbenzene	11.890	105	7745	0.824	ug/l	93
86) p-Isopropyltoluene	12.012	119	6143	0.801	ug/l	88
87) 1,3-Dichlorobenzene	11.975	146	4114	0.973	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	4083m	0.970	ug/l	
89) n-Butylbenzene	12.335	91	5893	0.862	ug/l	95
90) Hexachloroethane	12.542	117	893	0.791	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	3967	0.965	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	469	0.798	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	2029	0.861	ug/l	95
94) Hexachlorobutadiene	13.725	225	1087	0.989	ug/l	95
95) Naphthalene	13.780	128	5304	0.711	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	1973	0.846	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

